

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4D-935-U-WAF-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA4D-935-U-WAF-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, WIDE ASYMMETRICAL FLOOD 6x7
Light Source: (64) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

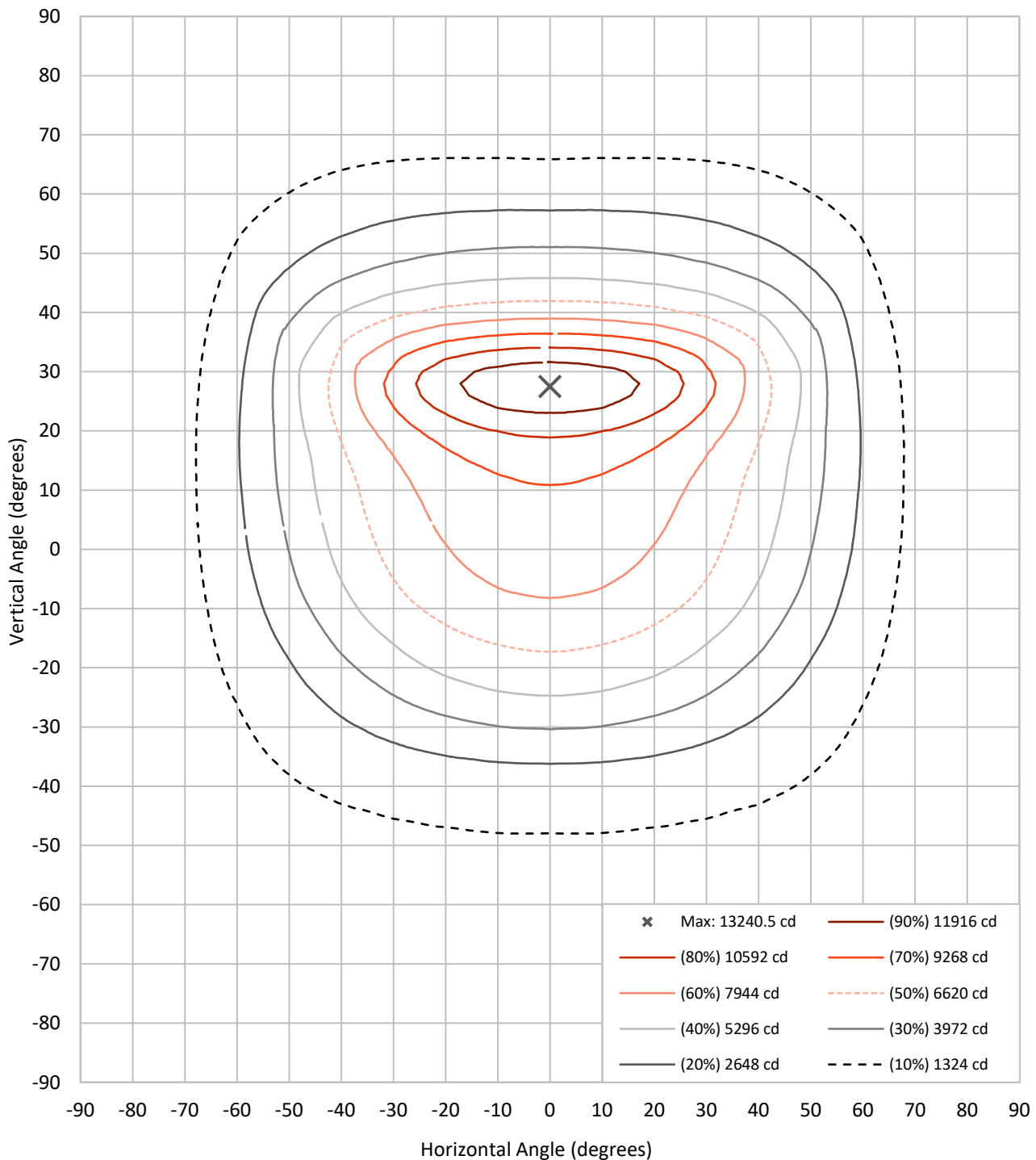
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	19302.4 lumens	Max Intensity:	13240.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 27.5°V
Efficacy:	89.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	85°H x 59.2°V	Field Angle (10%):	134.5°H x 113.8°V
Beam Lumens:	10011.1 lumens	Field Lumens:	17856.4 lumens
Beam Efficiency:	51.9%	Field Efficiency:	92.5%
Input Watts (W):	217		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



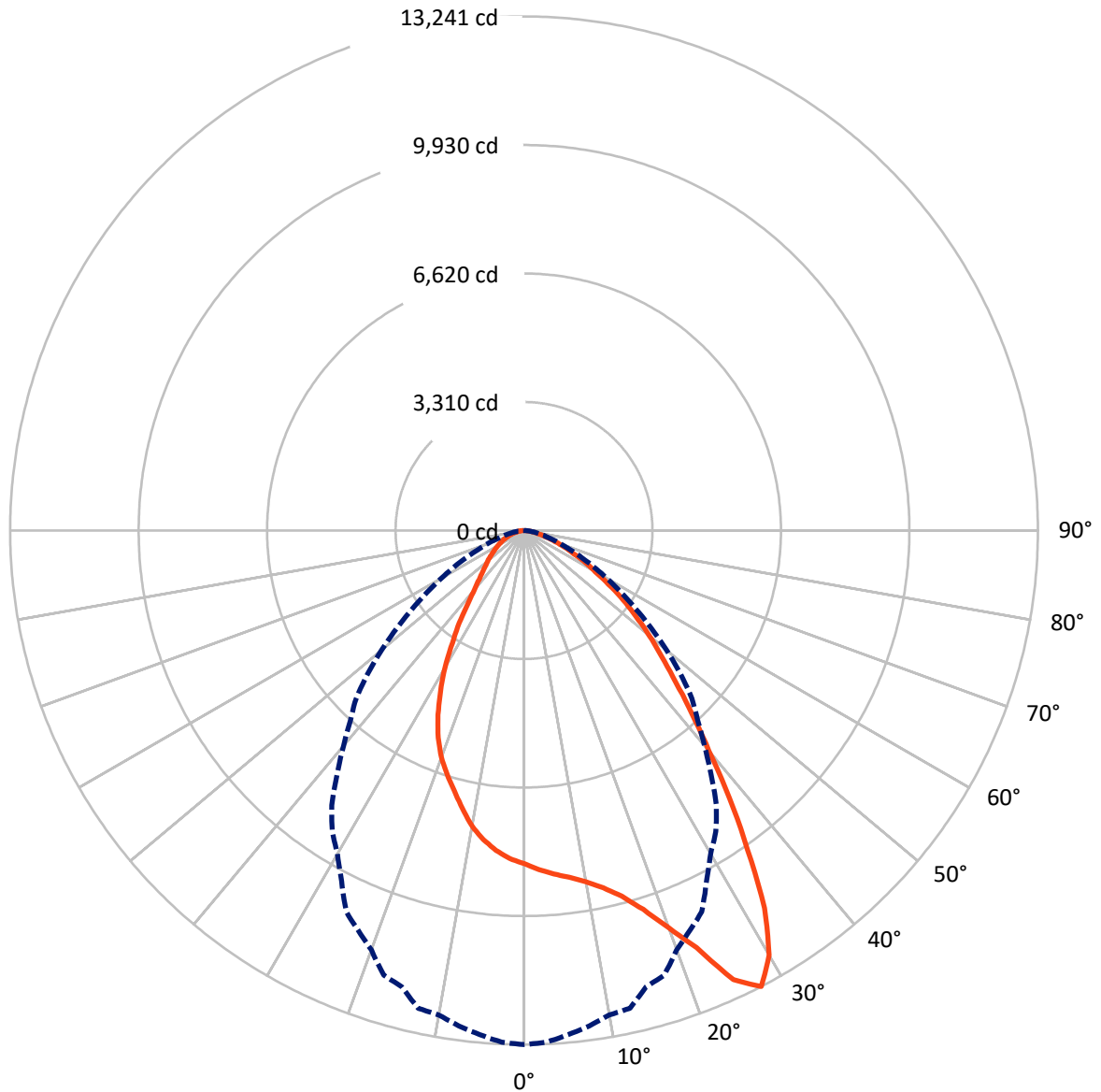
REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

Iso-Candela Plot



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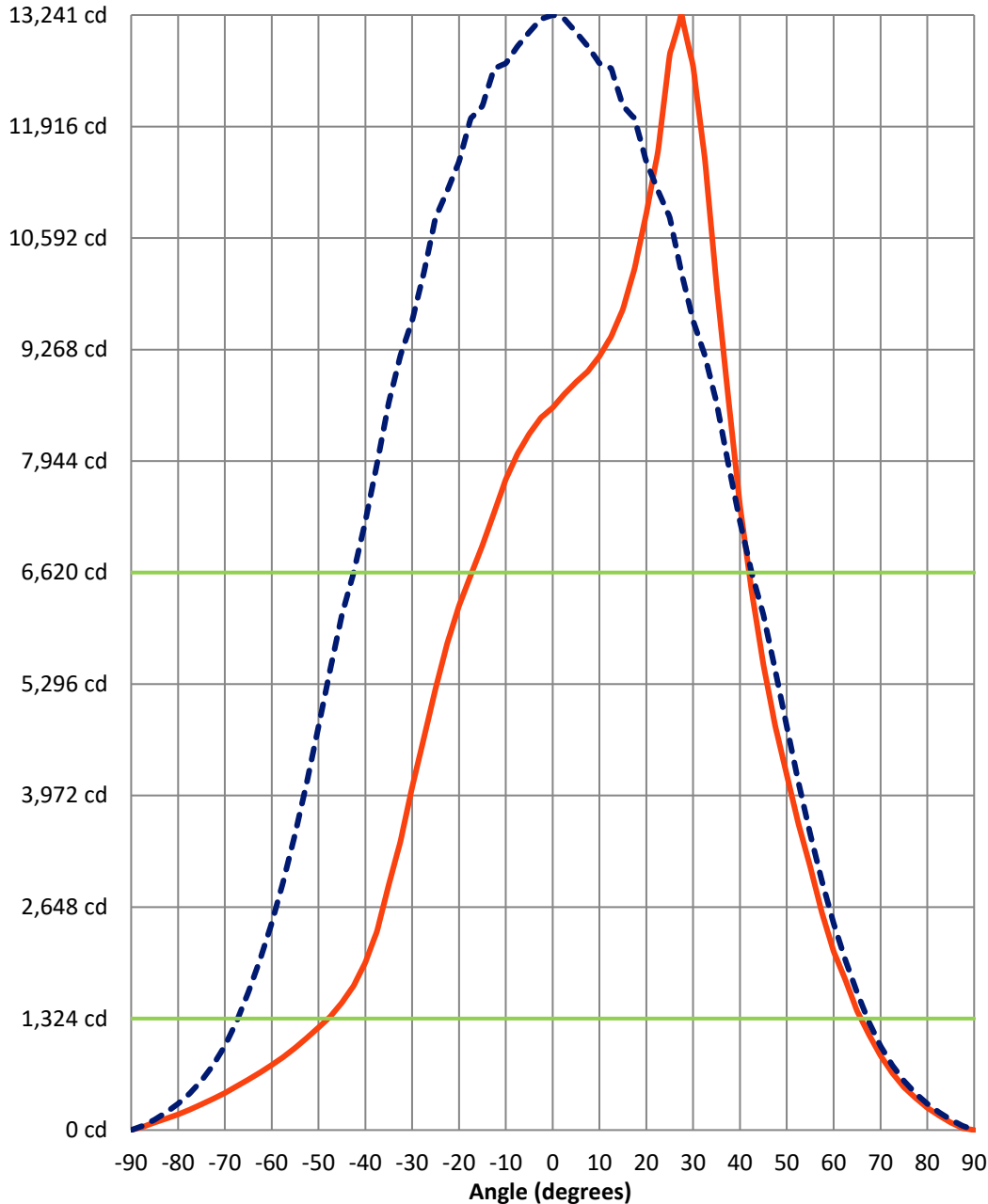
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 27.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 85°
 V Angle: 59.2°
 Lumens: 10011.1
 Efficiency: 51.9%

Field:
 H Angle: 134.5°
 V Angle: 113.8°
 Lumens: 17856.4
 Efficiency: 92.5%

Spill:
 Lumens: 1446
 Efficiency: 7.5%

- Vertical Distribution through 0-Deg
- - Horizontal Distribution through 27.5-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.5	5.1	7.6	10.1	12.4	14.7	17.0	19.1	21.2	23.2
85°	0.0	5.1	10.3	15.3	20.1	24.9	29.5	33.9	38.3	42.4	46.5
82.5°	0.0	7.6	15.4	22.9	30.2	37.3	44.2	50.9	58.5	71.3	84.6
80°	0.0	10.1	20.5	30.4	40.1	49.6	60.1	76.8	94.3	112.5	131.3
77.5°	0.0	12.6	25.5	38.0	50.1	64.7	85.3	107.0	129.6	153.2	180.6
75°	0.0	15.0	30.5	45.4	60.9	84.8	110.3	136.9	165.5	201.7	238.8
72.5°	0.0	17.4	35.4	52.8	76.3	104.7	134.8	168.5	210.0	252.5	296.1
70°	0.0	19.8	40.3	60.7	91.4	124.1	159.8	206.1	253.6	302.6	359.7
67.5°	0.0	22.2	45.1	71.5	106.2	143.2	190.4	242.9	296.6	360.0	424.0
65°	0.0	24.5	49.7	82.1	120.7	164.4	220.1	278.9	346.2	416.3	490.6
62.5°	0.0	26.7	54.3	92.3	134.7	187.4	248.8	318.9	394.7	473.2	564.0
60°	0.0	28.9	58.8	102.3	148.4	209.7	276.5	359.9	441.9	535.9	635.0
57.5°	0.0	31.1	65.0	112.0	164.8	231.1	307.8	399.3	493.2	596.3	716.1
55°	0.0	33.2	71.2	121.4	180.7	251.6	338.1	435.9	543.9	657.4	799.1
52.5°	0.0	35.2	77.1	130.4	196.0	271.7	366.9	474.8	592.4	725.9	877.4
50°	0.0	37.1	82.8	139.0	210.4	293.7	393.9	511.8	641.3	790.2	970.9
47.5°	0.0	39.0	88.3	147.8	224.2	314.4	419.7	546.2	693.5	850.1	1060.2
45°	0.0	40.8	93.6	157.4	237.1	333.7	446.7	578.0	738.9	922.5	1142.3
42.5°	0.0	42.5	98.6	166.5	249.2	351.6	471.5	611.3	780.7	989.2	1234.7
40°	0.0	44.2	103.4	175.1	261.4	368.1	494.1	644.7	822.8	1049.2	1321.3
37.5°	0.0	45.7	107.9	183.3	273.7	383.0	514.6	675.0	868.2	1104.1	1398.9
35°	0.0	47.2	112.2	191.0	284.8	397.9	532.7	702.2	908.3	1162.4	1471.9
32.5°	0.0	48.5	116.2	198.1	294.9	411.9	550.2	726.3	942.9	1212.3	1537.0
30°	0.0	49.8	119.9	204.6	303.9	424.2	569.0	748.6	972.0	1253.8	1591.0
27.5°	0.0	51.0	123.3	210.6	312.5	434.8	585.2	771.8	999.1	1286.9	1633.9
25°	0.0	52.1	126.4	216.1	320.0	443.7	598.9	790.7	1025.5	1317.4	1666.1
22.5°	0.0	53.0	129.2	220.9	326.5	451.5	610.1	805.5	1045.4	1342.0	1693.7
20°	0.0	53.9	131.7	225.2	331.9	459.2	618.8	816.1	1058.9	1357.9	1711.4
17.5°	0.0	54.7	133.9	228.9	336.3	465.5	626.6	822.8	1066.2	1365.5	1719.7
15°	0.0	55.3	135.8	232.0	339.7	470.5	632.9	827.4	1067.8	1364.9	1718.5
12.5°	0.0	55.9	137.4	234.5	342.0	474.2	636.8	830.8	1067.7	1356.8	1708.3
10°	0.0	56.3	138.7	236.4	343.5	476.5	638.4	831.1	1066.0	1352.7	1692.8
7.5°	0.0	56.6	139.6	237.8	343.9	477.5	637.6	828.2	1059.7	1344.1	1675.5
5°	0.0	56.9	140.2	238.5	343.5	477.1	634.8	822.4	1049.1	1329.8	1649.8
2.5°	0.0	57.0	140.5	238.7	342.2	475.5	629.9	813.8	1034.6	1310.0	1616.5
0°	0.0	57.0	140.5	238.3	340.1	472.5	623.2	802.5	1016.3	1285.1	1576.4
-2.5°	0.0	57.1	140.2	237.2	338.5	468.0	616.1	790.7	998.3	1257.4	1536.0
-5°	0.0	57.0	139.5	235.6	336.0	462.4	607.2	776.6	977.2	1225.3	1490.4
-7.5°	0.0	56.9	138.6	233.4	332.9	455.6	596.8	760.3	953.2	1189.3	1440.2
-10°	0.0	56.7	137.3	230.7	328.9	447.7	584.8	742.1	926.5	1149.7	1386.0
-12.5°	0.0	56.3	135.8	227.5	324.2	438.9	571.4	722.0	897.3	1107.5	1332.8
-15°	0.0	55.8	133.9	223.8	318.8	429.2	556.6	700.3	867.5	1066.0	1278.5
-17.5°	0.0	55.2	131.8	219.6	312.7	418.7	540.5	678.7	837.7	1022.1	1221.5
-20°	0.0	54.5	129.5	215.0	305.8	407.4	523.8	656.7	806.2	976.4	1162.2



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 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	53.7	126.8	209.9	298.3	395.5	507.1	633.2	773.4	929.0	1100.9
-25°	0.0	52.8	123.9	204.4	290.2	383.5	489.4	608.3	739.4	880.5	1038.3
-27.5°	0.0	51.8	120.8	198.4	281.3	371.1	470.8	582.1	704.4	833.4	978.8
-30°	0.0	50.7	117.4	192.1	271.9	357.9	451.3	554.7	670.6	790.5	919.5
-32.5°	0.0	49.5	113.8	185.4	262.2	343.9	431.1	529.1	637.0	747.4	860.5
-35°	0.0	48.1	110.0	178.3	251.9	329.2	412.3	503.8	602.3	704.4	802.1
-37.5°	0.0	46.7	106.0	170.9	241.2	314.5	393.6	478.0	566.8	661.5	753.9
-40°	0.0	45.2	101.8	163.2	229.9	300.3	374.2	451.8	530.4	619.6	708.1
-42.5°	0.0	43.5	97.4	155.2	218.8	285.6	354.2	425.2	497.7	579.2	661.6
-45°	0.0	41.8	92.9	146.9	207.7	270.5	333.6	399.4	467.0	538.8	614.8
-47.5°	0.0	40.0	88.1	138.3	196.3	254.9	312.5	374.8	436.2	498.3	570.0
-50°	0.0	38.1	83.2	130.6	184.4	239.0	293.1	349.7	405.9	464.3	525.4
-52.5°	0.0	36.2	78.2	123.0	172.2	222.7	273.8	324.1	376.5	429.7	481.7
-55°	0.0	34.1	73.0	115.2	159.6	206.9	254.1	298.4	347.2	394.5	443.0
-57.5°	0.0	32.0	67.7	107.2	146.7	190.9	234.2	275.6	317.5	360.9	403.8
-60°	0.0	29.8	62.2	98.9	133.7	174.6	214.1	252.6	288.2	327.4	365.1
-62.5°	0.0	27.6	57.6	90.5	122.6	158.0	194.4	229.1	261.7	293.6	328.1
-65°	0.0	25.3	52.8	82.0	111.3	141.1	174.3	205.6	235.0	263.0	290.9
-67.5°	0.0	22.9	47.9	73.3	99.8	125.4	154.0	182.3	208.0	233.2	256.8
-70°	0.0	20.5	42.9	64.4	88.1	111.0	133.5	158.9	182.1	203.0	224.0
-72.5°	0.0	18.0	37.7	56.4	76.3	96.4	115.8	135.4	156.1	174.9	191.6
-75°	0.0	15.5	32.5	48.5	64.3	81.7	98.4	114.5	130.1	146.7	161.6
-77.5°	0.0	13.0	27.2	40.6	53.5	66.9	80.9	94.6	107.5	119.6	131.7
-80°	0.0	10.4	21.9	32.5	42.9	53.1	63.2	74.5	85.1	95.1	104.4
-82.5°	0.0	7.8	16.4	24.4	32.3	39.9	47.3	55.0	62.7	70.5	77.8
-85°	0.0	5.2	11.0	16.3	21.5	26.6	31.6	36.7	41.7	46.7	51.6
-87.5°	0.0	2.6	5.5	8.2	10.8	13.3	15.8	18.4	20.9	23.4	25.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	24.5	25.5	26.3	26.8	27.9	28.8	29.6	30.3	30.8	31.2	31.5
85°	48.9	50.9	57.0	62.7	68.7	74.1	79.0	83.3	86.7	89.5	91.7
82.5°	95.6	105.8	115.4	124.5	132.9	140.3	147.4	155.6	162.2	167.8	172.2
80°	146.6	160.5	177.5	193.3	207.7	220.8	232.7	243.5	251.9	260.3	268.5
77.5°	206.0	228.6	249.6	269.0	287.7	309.6	329.8	348.4	362.7	373.5	381.7
75°	270.0	296.7	327.4	357.7	386.2	412.4	437.9	469.0	494.3	513.3	528.5
72.5°	338.2	376.7	414.1	450.4	492.3	533.0	572.5	610.7	644.2	668.8	688.7
70°	411.9	456.6	508.3	560.7	611.0	662.1	716.6	766.2	807.2	836.2	863.8
67.5°	487.2	549.9	611.2	674.2	745.5	810.5	870.0	932.7	988.0	1024.4	1056.2
65°	574.0	644.2	726.0	809.5	887.8	969.0	1044.2	1112.2	1182.0	1232.7	1274.3
62.5°	657.9	756.7	853.1	950.8	1049.3	1137.6	1235.7	1323.2	1393.4	1465.9	1528.1
60°	757.4	874.8	993.1	1111.0	1221.2	1345.1	1452.7	1554.4	1648.2	1729.0	1805.5
57.5°	856.8	1008.3	1148.3	1286.6	1432.3	1564.9	1691.3	1805.3	1917.4	2011.1	2102.8
55°	961.3	1156.4	1317.9	1488.7	1649.0	1798.7	1940.8	2083.6	2203.1	2332.0	2444.2
52.5°	1077.3	1300.1	1508.9	1696.9	1877.5	2050.3	2220.3	2392.1	2559.9	2693.6	2820.4
50°	1185.7	1451.3	1702.4	1917.0	2124.6	2329.7	2542.2	2756.9	2941.8	3094.8	3226.8
47.5°	1305.1	1591.8	1910.7	2148.1	2397.3	2651.5	2909.4	3146.6	3348.0	3556.1	3701.8
45°	1421.4	1733.9	2079.9	2409.3	2697.7	3005.5	3289.6	3551.2	3843.2	4070.4	4265.2
42.5°	1527.5	1868.5	2253.8	2673.0	3033.5	3363.9	3671.4	4039.4	4374.8	4640.5	4883.5
40°	1636.7	1991.0	2411.8	2917.9	3368.5	3721.1	4095.3	4502.0	4938.6	5265.4	5556.0
37.5°	1736.6	2116.4	2556.3	3104.8	3698.1	4085.8	4499.6	4940.9	5438.7	5930.2	6279.5
35°	1824.9	2222.5	2699.8	3256.8	3864.3	4439.3	4877.0	5347.0	5891.7	6529.5	7006.5
32.5°	1905.1	2309.1	2813.6	3375.4	3991.7	4665.9	5221.2	5703.7	6250.2	6908.4	7718.3
30°	1970.4	2393.1	2898.4	3461.1	4079.1	4750.6	5455.9	5981.6	6500.2	7146.1	7899.9
27.5°	2019.9	2454.6	2956.7	3514.5	4125.9	4790.0	5468.3	6116.9	6618.9	7226.7	7912.3
25°	2058.0	2505.0	2987.6	3534.4	4132.8	4772.7	5425.4	6039.2	6602.8	7138.6	7753.8
22.5°	2089.5	2539.8	3021.5	3521.0	4101.6	4711.3	5325.2	5910.3	6455.8	6957.5	7486.7
20°	2113.1	2562.0	3038.6	3534.1	4049.3	4611.4	5198.5	5755.4	6282.4	6768.1	7198.8
17.5°	2123.8	2568.6	3038.6	3531.7	4040.5	4532.2	5043.4	5578.7	6096.7	6579.3	7004.8
15°	2121.9	2560.0	3021.9	3512.8	4014.0	4501.1	4972.0	5413.7	5896.0	6383.9	6807.9
12.5°	2107.8	2536.9	2989.0	3477.7	3971.0	4452.2	4914.7	5358.1	5790.6	6199.2	6604.6
10°	2082.2	2499.9	2940.7	3426.4	3911.5	4385.6	4842.2	5287.0	5715.0	6116.2	6493.7
7.5°	2056.0	2458.4	2882.6	3359.2	3835.6	4301.4	4753.8	5199.5	5619.2	6019.5	6400.6
5°	2021.3	2414.5	2838.2	3294.8	3754.0	4208.4	4651.2	5094.7	5503.2	5907.1	6289.8
2.5°	1977.3	2359.9	2782.4	3216.8	3662.8	4112.4	4540.2	4975.4	5394.3	5782.5	6159.6
0°	1924.7	2295.3	2714.9	3124.3	3556.1	4000.1	4411.5	4837.1	5273.0	5639.6	6008.2
-2.5°	1867.4	2218.0	2616.5	3023.8	3441.2	3876.6	4298.4	4702.0	5128.2	5498.7	5875.2
-5°	1803.1	2132.5	2507.9	2910.6	3312.8	3737.2	4167.0	4550.6	4957.8	5324.2	5694.5
-7.5°	1732.8	2040.3	2390.3	2783.3	3166.5	3566.8	3973.8	4343.0	4738.7	5101.2	5461.9
-10°	1658.7	1949.4	2276.1	2639.5	3000.7	3373.9	3756.2	4117.7	4498.2	4859.2	5206.3
-12.5°	1587.6	1859.6	2158.3	2488.8	2825.9	3170.7	3526.2	3875.2	4236.2	4598.9	4923.3
-15°	1513.2	1765.4	2036.6	2332.9	2643.3	2958.8	3285.3	3615.6	3954.5	4309.3	4609.0
-17.5°	1436.2	1667.5	1912.5	2173.5	2454.3	2740.0	3040.1	3358.9	3669.0	3992.3	4282.1
-20°	1357.3	1566.6	1787.2	2012.2	2261.6	2535.6	2816.4	3102.5	3384.3	3665.7	3938.0



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 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1277.4	1463.6	1664.4	1862.3	2099.6	2347.0	2593.3	2841.7	3094.4	3336.8	3594.4
-25°	1200.3	1368.0	1545.4	1737.7	1941.4	2159.5	2371.2	2581.1	2805.2	3032.4	3254.1
-27.5°	1125.9	1273.9	1441.3	1612.9	1782.6	1976.6	2161.9	2339.9	2535.5	2735.8	2914.9
-30°	1051.3	1191.8	1338.5	1490.8	1640.0	1802.0	1962.2	2118.3	2277.7	2449.3	2604.4
-32.5°	982.1	1110.4	1243.9	1377.3	1504.0	1629.7	1777.8	1916.4	2046.8	2169.1	2304.5
-35°	918.9	1036.5	1152.6	1267.6	1372.0	1482.5	1606.3	1723.1	1827.7	1925.9	2029.4
-37.5°	859.3	964.0	1061.7	1164.6	1257.4	1352.0	1443.1	1544.1	1629.0	1707.4	1792.4
-40°	799.5	893.1	981.1	1067.0	1152.1	1231.1	1308.9	1377.6	1445.9	1521.3	1579.7
-42.5°	740.6	827.6	906.3	972.3	1052.5	1120.6	1181.0	1237.9	1293.8	1352.6	1399.3
-45°	688.7	762.7	834.5	897.7	957.9	1015.9	1067.2	1111.9	1164.7	1205.6	1240.9
-47.5°	636.2	700.4	766.0	824.4	874.7	921.8	960.0	1004.9	1048.2	1083.2	1103.9
-50°	584.7	643.3	698.9	753.2	798.8	836.7	869.6	906.6	942.6	972.3	992.0
-52.5°	537.1	586.1	637.6	683.9	725.9	759.8	791.2	823.4	849.7	870.1	895.9
-55°	490.2	535.3	578.3	619.8	655.7	686.9	717.6	746.1	768.7	786.3	807.6
-57.5°	446.1	486.8	524.3	559.1	591.4	618.1	648.0	672.5	693.5	710.0	731.9
-60°	403.1	439.5	473.6	504.0	530.4	556.8	581.1	603.6	621.9	638.3	658.4
-62.5°	360.3	393.3	424.0	451.9	475.9	497.7	519.7	538.8	554.1	571.1	587.8
-65°	320.3	348.1	375.0	400.4	423.2	443.9	462.0	477.4	491.8	506.9	520.3
-67.5°	280.5	306.3	328.9	349.1	370.1	390.2	406.9	421.2	433.2	445.5	456.8
-70°	244.7	265.3	285.9	304.1	320.1	336.9	353.2	366.6	377.3	386.9	396.1
-72.5°	209.5	227.8	244.8	260.5	275.0	288.5	301.3	313.5	323.5	331.0	337.6
-75°	176.2	190.3	205.0	218.8	230.6	241.1	250.9	260.6	268.8	275.2	280.5
-77.5°	144.2	156.1	167.4	178.0	186.5	194.8	202.4	209.5	215.7	220.7	224.3
-80°	113.2	121.9	131.0	139.7	146.3	151.8	156.7	160.8	165.5	170.2	174.4
-82.5°	84.3	90.5	96.6	102.4	107.0	110.9	114.3	117.5	120.8	123.9	126.6
-85°	55.5	59.0	62.7	66.3	69.8	72.9	75.5	77.8	79.6	81.1	82.4
-87.5°	27.7	29.5	31.2	32.7	34.4	36.0	37.5	38.9	39.8	40.6	41.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	31.7	31.8	31.7	31.6	31.4	30.1	28.7	27.2	25.6	26.4	27.1
85°	93.3	93.7	93.4	92.5	91.0	90.9	90.6	90.0	89.2	90.5	91.7
82.5°	175.7	177.0	177.2	176.4	174.6	175.4	175.7	175.3	174.3	175.5	176.3
80°	274.7	277.2	277.4	275.5	271.7	272.3	272.5	271.8	270.0	270.4	270.3
77.5°	391.2	397.3	399.4	398.5	394.8	393.6	391.0	385.6	377.8	377.7	377.9
75°	539.9	546.1	549.3	549.1	545.5	543.1	539.7	533.6	524.9	524.6	524.6
72.5°	704.1	713.1	717.2	720.9	720.9	719.5	715.1	706.0	692.5	690.9	692.6
70°	885.4	900.6	910.3	917.7	923.6	924.8	922.0	914.6	902.8	899.7	898.7
67.5°	1087.3	1111.7	1130.1	1142.4	1154.0	1162.3	1165.5	1162.2	1152.6	1149.5	1150.7
65°	1313.5	1351.2	1382.3	1405.5	1421.2	1432.2	1441.8	1447.6	1449.0	1452.3	1456.8
62.5°	1577.9	1624.1	1667.3	1696.8	1711.9	1722.6	1753.7	1771.6	1776.7	1777.8	1784.6
60°	1873.1	1931.5	1985.4	2028.7	2063.7	2090.2	2116.7	2134.1	2140.6	2141.9	2151.4
57.5°	2195.9	2269.2	2332.3	2399.4	2446.2	2473.2	2508.6	2544.9	2564.0	2569.4	2591.8
55°	2552.9	2653.1	2734.9	2806.7	2872.0	2929.4	2978.0	3015.5	3043.2	3059.9	3089.5
52.5°	2947.8	3065.5	3151.1	3235.3	3328.9	3394.9	3438.1	3507.5	3557.7	3585.3	3620.6
50°	3381.4	3512.5	3629.1	3717.4	3826.4	3916.5	3982.3	4047.9	4093.9	4120.2	4154.4
47.5°	3874.9	4036.4	4171.7	4253.6	4380.0	4486.3	4529.1	4578.7	4665.3	4706.9	4743.4
45°	4430.6	4636.5	4786.9	4915.0	5023.7	5142.8	5220.9	5277.2	5362.6	5405.4	5432.4
42.5°	5091.8	5320.9	5519.0	5672.8	5764.1	5918.7	6031.5	6063.2	6184.0	6266.0	6290.1
40°	5833.3	6087.2	6348.6	6523.8	6671.0	6828.0	7014.0	7117.5	7219.7	7300.0	7318.2
37.5°	6606.0	6945.9	7244.2	7470.5	7713.8	7945.4	8142.5	8250.0	8317.0	8470.7	8528.1
35°	7391.5	7742.3	8160.2	8511.8	8806.7	9092.6	9317.5	9494.6	9663.2	9801.6	9884.5
32.5°	8060.5	8438.0	8953.9	9480.4	9798.8	10108.3	10477.8	10680.4	10905.4	11087.7	11220.9
30°	8610.2	8969.1	9438.8	10099.6	10535.4	10849.2	11316.7	11596.9	11841.9	12150.9	12258.5
27.5°	8636.2	9197.2	9612.5	10181.6	10835.7	11154.2	11500.2	12009.5	12163.9	12604.5	12668.0
25°	8409.6	8998.5	9425.3	9900.3	10444.2	10831.7	11147.7	11571.1	11792.8	12076.1	12293.8
22.5°	8055.0	8574.0	9009.5	9412.2	9836.7	10189.5	10478.3	10775.9	11019.2	11239.1	11443.3
20°	7663.4	8156.1	8569.0	8915.4	9251.8	9578.8	9838.6	10088.6	10299.1	10487.8	10604.0
17.5°	7387.6	7742.1	8164.1	8518.9	8810.5	9067.2	9335.9	9545.1	9729.8	9899.6	10005.8
15°	7199.3	7536.5	7836.8	8162.5	8469.8	8714.5	8916.8	9132.7	9292.3	9438.5	9553.5
12.5°	7003.9	7351.3	7665.6	7936.8	8177.3	8444.7	8660.9	8830.7	8998.1	9112.9	9231.1
10°	6840.7	7165.7	7491.7	7778.1	8031.2	8251.5	8456.2	8646.7	8796.9	8925.7	9018.8
7.5°	6746.0	7064.7	7357.7	7632.5	7879.2	8113.9	8325.1	8499.7	8648.5	8781.8	8879.4
5°	6636.1	6951.5	7244.1	7524.9	7761.8	7987.4	8197.7	8377.3	8531.4	8650.2	8743.5
2.5°	6510.2	6821.3	7113.2	7398.6	7635.4	7852.9	8052.0	8227.2	8387.7	8500.8	8580.4
0°	6366.7	6678.3	6963.4	7232.3	7470.6	7704.8	7888.1	8065.3	8222.1	8334.1	8413.6
-2.5°	6221.9	6531.7	6826.8	7084.4	7320.9	7537.1	7732.3	7899.6	8049.4	8161.0	8230.7
-5°	6029.6	6337.4	6628.6	6888.2	7135.3	7352.4	7542.0	7712.2	7856.5	7978.2	8072.7
-7.5°	5796.6	6107.9	6398.8	6663.8	6909.7	7114.9	7297.0	7468.5	7622.6	7755.4	7871.8
-10°	5540.5	5848.4	6123.2	6371.4	6600.6	6809.2	7002.9	7172.3	7313.5	7443.6	7541.6
-12.5°	5242.2	5527.2	5796.1	6040.8	6264.8	6473.6	6657.9	6819.3	6961.4	7076.7	7165.0
-15°	4913.0	5183.5	5438.3	5688.3	5922.9	6128.6	6290.7	6460.7	6583.8	6695.8	6775.3
-17.5°	4560.8	4822.4	5090.3	5341.0	5557.5	5760.4	5938.8	6094.2	6223.5	6326.1	6415.8
-20°	4203.9	4470.3	4728.2	4967.1	5175.3	5363.4	5544.1	5693.3	5825.8	5937.4	6042.6



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3845.5	4089.8	4331.8	4565.6	4762.5	4940.3	5098.5	5241.3	5358.2	5489.8	5582.7
-25°	3477.2	3691.3	3909.9	4116.4	4302.6	4477.3	4620.7	4745.9	4867.7	4994.8	5085.4
-27.5°	3107.2	3296.5	3474.0	3656.7	3819.8	3971.3	4104.3	4213.8	4332.1	4417.0	4516.6
-30°	2741.2	2913.0	3061.0	3188.2	3341.5	3471.5	3575.0	3683.8	3781.6	3862.7	3946.6
-32.5°	2431.4	2548.8	2667.1	2773.4	2875.4	2982.2	3065.6	3160.6	3227.6	3297.4	3365.2
-35°	2133.6	2224.0	2302.6	2402.0	2478.4	2536.6	2606.1	2675.9	2702.7	2778.6	2819.1
-37.5°	1863.9	1923.3	1996.5	2065.8	2122.6	2166.0	2228.0	2264.5	2283.7	2332.8	2359.2
-40°	1633.1	1670.6	1739.0	1786.3	1820.4	1851.9	1903.4	1927.2	1953.4	1977.8	1978.6
-42.5°	1430.0	1478.2	1524.6	1561.8	1583.3	1619.3	1643.6	1646.2	1680.2	1702.0	1705.3
-45°	1264.0	1312.9	1349.7	1377.0	1398.5	1429.5	1445.1	1453.8	1481.5	1496.3	1502.8
-47.5°	1136.4	1170.6	1202.4	1223.5	1251.7	1274.7	1286.1	1300.7	1322.0	1335.5	1345.2
-50°	1024.2	1051.4	1075.6	1094.8	1123.0	1143.4	1154.3	1172.3	1188.2	1198.0	1205.6
-52.5°	925.5	949.8	966.6	985.4	1008.7	1026.8	1040.7	1058.5	1071.7	1080.3	1087.1
-55°	833.2	856.0	872.3	892.8	909.5	921.6	933.5	950.9	963.8	972.6	978.3
-57.5°	751.7	768.8	784.9	803.5	819.3	832.5	843.2	852.7	861.3	868.5	874.1
-60°	675.4	689.3	704.1	718.6	730.6	740.1	751.5	760.2	765.7	769.2	773.8
-62.5°	602.0	614.6	627.6	639.3	648.9	656.8	666.1	673.2	678.4	682.0	684.7
-65°	532.3	543.1	554.1	563.9	572.1	579.1	585.5	590.6	594.2	597.2	599.6
-67.5°	467.1	475.6	483.3	490.1	496.3	502.2	507.9	511.7	513.8	516.2	518.8
-70°	404.1	410.9	416.1	420.1	423.7	428.4	433.9	437.7	439.9	442.3	444.6
-72.5°	343.2	348.2	352.4	355.8	357.8	360.8	364.5	367.6	370.0	371.8	372.7
-75°	284.6	288.7	292.4	295.0	296.5	298.7	300.6	301.6	301.7	302.6	303.1
-77.5°	227.4	231.3	234.8	237.3	238.8	240.5	241.9	242.6	242.8	242.9	242.4
-80°	177.5	180.2	182.5	184.2	185.3	186.5	187.3	187.4	187.0	187.4	187.5
-82.5°	128.9	131.4	133.4	134.9	135.9	137.1	138.1	138.8	139.2	139.4	139.2
-85°	83.4	84.6	85.6	86.6	87.5	88.1	88.4	88.4	88.2	88.3	88.2
-87.5°	41.7	41.2	40.6	39.8	38.8	39.1	39.2	39.3	39.3	39.7	40.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	27.8	28.4	26.4	24.4	26.4	28.4	27.8	27.1	26.4	25.6	27.2
85°	92.6	93.2	91.5	89.6	91.5	93.2	92.6	91.7	90.5	89.2	90.0
82.5°	176.6	176.3	174.9	173.1	174.9	176.3	176.6	176.3	175.5	174.3	175.3
80°	269.3	267.5	266.5	264.8	266.5	267.5	269.3	270.3	270.4	270.0	271.8
77.5°	377.0	374.9	378.3	380.9	378.3	374.9	377.0	377.9	377.7	377.8	385.6
75°	522.6	518.6	514.7	509.2	514.7	518.6	522.6	524.6	524.6	524.9	533.6
72.5°	691.8	688.6	685.5	680.3	685.5	688.6	691.8	692.6	690.9	692.5	706.0
70°	893.4	883.9	885.5	886.0	885.5	883.9	893.4	898.7	899.7	902.8	914.6
67.5°	1147.0	1138.4	1139.5	1138.5	1139.5	1138.4	1147.0	1150.7	1149.5	1152.6	1162.2
65°	1454.1	1444.5	1432.8	1415.5	1432.8	1444.5	1454.1	1456.8	1452.3	1449.0	1447.6
62.5°	1783.8	1775.2	1780.1	1784.1	1780.1	1775.2	1783.8	1784.6	1777.8	1776.7	1771.6
60°	2149.9	2137.9	2131.9	2122.2	2131.9	2137.9	2149.9	2151.4	2141.9	2140.6	2134.1
57.5°	2602.0	2599.8	2594.6	2580.5	2594.6	2599.8	2602.0	2591.8	2569.4	2564.0	2544.9
55°	3103.4	3100.6	3112.2	3126.3	3112.2	3100.6	3103.4	3089.5	3059.9	3043.2	3015.5
52.5°	3646.7	3655.9	3652.6	3633.4	3652.6	3655.9	3646.7	3620.6	3585.3	3557.7	3507.5
50°	4184.5	4194.8	4205.8	4215.9	4205.8	4194.8	4184.5	4154.4	4120.2	4093.9	4047.9
47.5°	4794.0	4821.1	4825.9	4806.6	4825.9	4821.1	4794.0	4743.4	4706.9	4665.3	4578.7
45°	5486.5	5502.8	5511.1	5527.6	5511.1	5502.8	5486.5	5432.4	5405.4	5362.6	5277.2
42.5°	6359.5	6378.4	6381.4	6399.3	6381.4	6378.4	6359.5	6290.1	6266.0	6184.0	6063.2
40°	7395.8	7426.5	7421.1	7413.5	7421.1	7426.5	7395.8	7318.2	7300.0	7219.7	7117.5
37.5°	8608.9	8661.1	8666.5	8698.7	8666.5	8661.1	8608.9	8528.1	8470.7	8317.0	8250.0
35°	9970.2	10031.6	10021.0	10036.8	10021.0	10031.6	9970.2	9884.5	9801.6	9663.2	9494.6
32.5°	11343.5	11435.6	11454.2	11531.7	11454.2	11435.6	11343.5	11220.9	11087.7	10905.4	10680.4
30°	12422.5	12551.6	12635.8	12629.5	12635.8	12551.6	12422.5	12258.5	12150.9	11841.9	11596.9
27.5°	12869.4	13036.6	13193.3	13240.5	13193.3	13036.6	12869.4	12668.0	12604.5	12163.9	12009.5
25°	12433.3	12555.5	12693.9	12768.0	12693.9	12555.5	12433.3	12293.8	12076.1	11792.8	11571.1
22.5°	11537.2	11616.8	11663.9	11625.4	11663.9	11616.8	11537.2	11443.3	11239.1	11019.2	10775.9
20°	10724.2	10824.8	10843.5	10884.1	10843.5	10824.8	10724.2	10604.0	10487.8	10299.1	10088.6
17.5°	10119.0	10184.9	10223.6	10232.3	10223.6	10184.9	10119.0	10005.8	9899.6	9729.8	9545.1
15°	9644.7	9697.6	9732.2	9747.6	9732.2	9697.6	9644.7	9553.5	9438.5	9292.3	9132.7
12.5°	9308.6	9373.0	9404.6	9423.8	9404.6	9373.0	9308.6	9231.1	9112.9	8998.1	8830.7
10°	9093.1	9155.3	9180.3	9189.5	9180.3	9155.3	9093.1	9018.8	8925.7	8796.9	8646.7
7.5°	8938.4	8978.3	8995.1	9008.3	8995.1	8978.3	8938.4	8879.4	8781.8	8648.5	8499.7
5°	8813.5	8845.3	8863.1	8882.0	8863.1	8845.3	8813.5	8743.5	8650.2	8531.4	8377.3
2.5°	8643.6	8688.9	8720.4	8739.4	8720.4	8688.9	8643.6	8580.4	8500.8	8387.7	8227.2
0°	8476.7	8519.5	8541.9	8578.5	8541.9	8519.5	8476.7	8413.6	8334.1	8222.1	8065.3
-2.5°	8293.2	8342.7	8401.5	8458.4	8401.5	8342.7	8293.2	8230.7	8161.0	8049.4	7899.6
-5°	8152.8	8218.2	8230.6	8266.9	8230.6	8218.2	8152.8	8072.7	7978.2	7856.5	7712.2
-7.5°	7941.0	7970.9	8021.6	8030.7	8021.6	7970.9	7941.0	7871.8	7755.4	7622.6	7468.5
-10°	7614.7	7663.3	7694.9	7727.2	7694.9	7663.3	7614.7	7541.6	7443.6	7313.5	7172.3
-12.5°	7231.3	7288.4	7339.3	7332.1	7339.3	7288.4	7231.3	7165.0	7076.7	6961.4	6819.3
-15°	6857.8	6912.8	6947.8	6943.1	6947.8	6912.8	6857.8	6775.3	6695.8	6583.8	6460.7
-17.5°	6487.0	6537.2	6587.8	6586.6	6587.8	6537.2	6487.0	6415.8	6326.1	6223.5	6094.2
-20°	6104.1	6147.1	6201.4	6224.1	6201.4	6147.1	6104.1	6042.6	5937.4	5825.8	5693.3



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5661.4	5716.5	5755.9	5780.1	5755.9	5716.5	5661.4	5582.7	5489.8	5358.2	5241.3
-25°	5145.4	5201.9	5231.9	5242.4	5231.9	5201.9	5145.4	5085.4	4994.8	4867.7	4745.9
-27.5°	4575.3	4638.6	4669.4	4653.8	4669.4	4638.6	4575.3	4516.6	4417.0	4332.1	4213.8
-30°	3990.7	4031.3	4036.0	4071.3	4036.0	4031.3	3990.7	3946.6	3862.7	3781.6	3683.8
-32.5°	3413.8	3441.1	3425.6	3427.7	3425.6	3441.1	3413.8	3365.2	3297.4	3227.6	3160.6
-35°	2844.2	2865.9	2870.3	2910.4	2870.3	2865.9	2844.2	2819.1	2778.6	2702.7	2675.9
-37.5°	2386.4	2395.1	2381.7	2362.6	2381.7	2395.1	2386.4	2359.2	2332.8	2283.7	2264.5
-40°	1998.0	2004.7	1999.7	1989.8	1999.7	2004.7	1998.0	1978.6	1977.8	1953.4	1927.2
-42.5°	1718.6	1718.6	1714.1	1712.9	1714.1	1718.6	1718.6	1705.3	1702.0	1680.2	1646.2
-45°	1512.2	1514.4	1514.0	1513.3	1514.0	1514.4	1512.2	1502.8	1496.3	1481.5	1453.8
-47.5°	1352.1	1352.5	1350.4	1346.3	1350.4	1352.5	1352.1	1345.2	1335.5	1322.0	1300.7
-50°	1210.3	1210.3	1213.1	1217.9	1213.1	1210.3	1210.3	1205.6	1198.0	1188.2	1172.3
-52.5°	1090.6	1090.3	1091.8	1093.7	1091.8	1090.3	1090.6	1087.1	1080.3	1071.7	1058.5
-55°	981.0	980.4	978.9	975.6	978.9	980.4	981.0	978.3	972.6	963.8	950.9
-57.5°	876.2	875.0	872.3	867.6	872.3	875.0	876.2	874.1	868.5	861.3	852.7
-60°	776.3	776.8	775.5	771.9	775.5	776.8	776.3	773.8	769.2	765.7	760.2
-62.5°	685.3	683.9	683.6	682.3	683.6	683.9	685.3	684.7	682.0	678.4	673.2
-65°	600.0	598.6	599.1	598.8	599.1	598.6	600.0	599.6	597.2	594.2	590.6
-67.5°	519.8	519.3	519.8	519.4	519.8	519.3	519.8	518.8	516.2	513.8	511.7
-70°	445.8	446.0	443.7	439.9	443.7	446.0	445.8	444.6	442.3	439.9	437.7
-72.5°	372.4	371.1	371.3	370.7	371.3	371.1	372.4	372.7	371.8	370.0	367.6
-75°	303.0	302.2	304.1	305.5	304.1	302.2	303.0	303.1	302.6	301.7	301.6
-77.5°	241.2	239.4	241.1	242.4	241.1	239.4	241.2	242.4	242.9	242.8	242.6
-80°	187.3	186.7	186.2	185.3	186.2	186.7	187.3	187.5	187.4	187.0	187.4
-82.5°	138.7	137.9	137.4	136.5	137.4	137.9	138.7	139.2	139.4	139.2	138.8
-85°	87.8	87.2	88.5	89.6	88.5	87.2	87.8	88.2	88.3	88.2	88.4
-87.5°	40.4	40.5	39.7	38.7	39.7	40.5	40.4	40.1	39.7	39.3	39.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	28.7	30.1	31.4	31.6	31.7	31.8	31.7	31.5	31.2	30.8	30.3
85°	90.6	90.9	91.0	92.5	93.4	93.7	93.3	91.7	89.5	86.7	83.3
82.5°	175.7	175.4	174.6	176.4	177.2	177.0	175.7	172.2	167.8	162.2	155.6
80°	272.5	272.3	271.7	275.5	277.4	277.2	274.7	268.5	260.3	251.9	243.5
77.5°	391.0	393.6	394.8	398.5	399.4	397.3	391.2	381.7	373.5	362.7	348.4
75°	539.7	543.1	545.5	549.1	549.3	546.1	539.9	528.5	513.3	494.3	469.0
72.5°	715.1	719.5	720.9	720.9	717.2	713.1	704.1	688.7	668.8	644.2	610.7
70°	922.0	924.8	923.6	917.7	910.3	900.6	885.4	863.8	836.2	807.2	766.2
67.5°	1165.5	1162.3	1154.0	1142.4	1130.1	1111.7	1087.3	1056.2	1024.4	988.0	932.7
65°	1441.8	1432.2	1421.2	1405.5	1382.3	1351.2	1313.5	1274.3	1232.7	1182.0	1112.2
62.5°	1753.7	1722.6	1711.9	1696.8	1667.3	1624.1	1577.9	1528.1	1465.9	1393.4	1323.2
60°	2116.7	2090.2	2063.7	2028.7	1985.4	1931.5	1873.1	1805.5	1729.0	1648.2	1554.4
57.5°	2508.6	2473.2	2446.2	2399.4	2332.3	2269.2	2195.9	2102.8	2011.1	1917.4	1805.3
55°	2978.0	2929.4	2872.0	2806.7	2734.9	2653.1	2552.9	2444.2	2332.0	2203.1	2083.6
52.5°	3438.1	3394.9	3328.9	3235.3	3151.1	3065.5	2947.8	2820.4	2693.6	2559.9	2392.1
50°	3982.3	3916.5	3826.4	3717.4	3629.1	3512.5	3381.4	3226.8	3094.8	2941.8	2756.9
47.5°	4529.1	4486.3	4380.0	4253.6	4171.7	4036.4	3874.9	3701.8	3556.1	3348.0	3146.6
45°	5220.9	5142.8	5023.7	4915.0	4786.9	4636.5	4430.6	4265.2	4070.4	3843.2	3551.2
42.5°	6031.5	5918.7	5764.1	5672.8	5519.0	5320.9	5091.8	4883.5	4640.5	4374.8	4039.4
40°	7014.0	6828.0	6671.0	6523.8	6348.6	6087.2	5833.3	5556.0	5265.4	4938.6	4502.0
37.5°	8142.5	7945.4	7713.8	7470.5	7244.2	6945.9	6606.0	6279.5	5930.2	5438.7	4940.9
35°	9317.5	9092.6	8806.7	8511.8	8160.2	7742.3	7391.5	7006.5	6529.5	5891.7	5347.0
32.5°	10477.8	10108.3	9798.8	9480.4	8953.9	8438.0	8060.5	7718.3	6908.4	6250.2	5703.7
30°	11316.7	10849.2	10535.4	10099.6	9438.8	8969.1	8610.2	7899.9	7146.1	6500.2	5981.6
27.5°	11500.2	11154.2	10835.7	10181.6	9612.5	9197.2	8636.2	7912.3	7226.7	6618.9	6116.9
25°	11147.7	10831.7	10444.2	9900.3	9425.3	8998.5	8409.6	7753.8	7138.6	6602.8	6039.2
22.5°	10478.3	10189.5	9836.7	9412.2	9009.5	8574.0	8055.0	7486.7	6957.5	6455.8	5910.3
20°	9838.6	9578.8	9251.8	8915.4	8569.0	8156.1	7663.4	7198.8	6768.1	6282.4	5755.4
17.5°	9335.9	9067.2	8810.5	8518.9	8164.1	7742.1	7387.6	7004.8	6579.3	6096.7	5578.7
15°	8916.8	8714.5	8469.8	8162.5	7836.8	7536.5	7199.3	6807.9	6383.9	5896.0	5413.7
12.5°	8660.9	8444.7	8177.3	7936.8	7665.6	7351.3	7003.9	6604.6	6199.2	5790.6	5358.1
10°	8456.2	8251.5	8031.2	7778.1	7491.7	7165.7	6840.7	6493.7	6116.2	5715.0	5287.0
7.5°	8325.1	8113.9	7879.2	7632.5	7357.7	7064.7	6746.0	6400.6	6019.5	5619.2	5199.5
5°	8197.7	7987.4	7761.8	7524.9	7244.1	6951.5	6636.1	6289.8	5907.1	5503.2	5094.7
2.5°	8052.0	7852.9	7635.4	7398.6	7113.2	6821.3	6510.2	6159.6	5782.5	5394.3	4975.4
0°	7888.1	7704.8	7470.6	7232.3	6963.4	6678.3	6366.7	6008.2	5639.6	5273.0	4837.1
-2.5°	7732.3	7537.1	7320.9	7084.4	6826.8	6531.7	6221.9	5875.2	5498.7	5128.2	4702.0
-5°	7542.0	7352.4	7135.3	6888.2	6628.6	6337.4	6029.6	5694.5	5324.2	4957.8	4550.6
-7.5°	7297.0	7114.9	6909.7	6663.8	6398.8	6107.9	5796.6	5461.9	5101.2	4738.7	4343.0
-10°	7002.9	6809.2	6600.6	6371.4	6123.2	5848.4	5540.5	5206.3	4859.2	4498.2	4117.7
-12.5°	6657.9	6473.6	6264.8	6040.8	5796.1	5527.2	5242.2	4923.3	4598.9	4236.2	3875.2
-15°	6290.7	6128.6	5922.9	5688.3	5438.3	5183.5	4913.0	4609.0	4309.3	3954.5	3615.6
-17.5°	5938.8	5760.4	5557.5	5341.0	5090.3	4822.4	4560.8	4282.1	3992.3	3669.0	3358.9
-20°	5544.1	5363.4	5175.3	4967.1	4728.2	4470.3	4203.9	3938.0	3665.7	3384.3	3102.5



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5098.5	4940.3	4762.5	4565.6	4331.8	4089.8	3845.5	3594.4	3336.8	3094.4	2841.7
-25°	4620.7	4477.3	4302.6	4116.4	3909.9	3691.3	3477.2	3254.1	3032.4	2805.2	2581.1
-27.5°	4104.3	3971.3	3819.8	3656.7	3474.0	3296.5	3107.2	2914.9	2735.8	2535.5	2339.9
-30°	3575.0	3471.5	3341.5	3188.2	3061.0	2913.0	2741.2	2604.4	2449.3	2277.7	2118.3
-32.5°	3065.6	2982.2	2875.4	2773.4	2667.1	2548.8	2431.4	2304.5	2169.1	2046.8	1916.4
-35°	2606.1	2536.6	2478.4	2402.0	2302.6	2224.0	2133.6	2029.4	1925.9	1827.7	1723.1
-37.5°	2228.0	2166.0	2122.6	2065.8	1996.5	1923.3	1863.9	1792.4	1707.4	1629.0	1544.1
-40°	1903.4	1851.9	1820.4	1786.3	1739.0	1670.6	1633.1	1579.7	1521.3	1445.9	1377.6
-42.5°	1643.6	1619.3	1583.3	1561.8	1524.6	1478.2	1430.0	1399.3	1352.6	1293.8	1237.9
-45°	1445.1	1429.5	1398.5	1377.0	1349.7	1312.9	1264.0	1240.9	1205.6	1164.7	1111.9
-47.5°	1286.1	1274.7	1251.7	1223.5	1202.4	1170.6	1136.4	1103.9	1083.2	1048.2	1004.9
-50°	1154.3	1143.4	1123.0	1094.8	1075.6	1051.4	1024.2	992.0	972.3	942.6	906.6
-52.5°	1040.7	1026.8	1008.7	985.4	966.6	949.8	925.5	895.9	870.1	849.7	823.4
-55°	933.5	921.6	909.5	892.8	872.3	856.0	833.2	807.6	786.3	768.7	746.1
-57.5°	843.2	832.5	819.3	803.5	784.9	768.8	751.7	731.9	710.0	693.5	672.5
-60°	751.5	740.1	730.6	718.6	704.1	689.3	675.4	658.4	638.3	621.9	603.6
-62.5°	666.1	656.8	648.9	639.3	627.6	614.6	602.0	587.8	571.1	554.1	538.8
-65°	585.5	579.1	572.1	563.9	554.1	543.1	532.3	520.3	506.9	491.8	477.4
-67.5°	507.9	502.2	496.3	490.1	483.3	475.6	467.1	456.8	445.5	433.2	421.2
-70°	433.9	428.4	423.7	420.1	416.1	410.9	404.1	396.1	386.9	377.3	366.6
-72.5°	364.5	360.8	357.8	355.8	352.4	348.2	343.2	337.6	331.0	323.5	313.5
-75°	300.6	298.7	296.5	295.0	292.4	288.7	284.6	280.5	275.2	268.8	260.6
-77.5°	241.9	240.5	238.8	237.3	234.8	231.3	227.4	224.3	220.7	215.7	209.5
-80°	187.3	186.5	185.3	184.2	182.5	180.2	177.5	174.4	170.2	165.5	160.8
-82.5°	138.1	137.1	135.9	134.9	133.4	131.4	128.9	126.6	123.9	120.8	117.5
-85°	88.4	88.1	87.5	86.6	85.6	84.6	83.4	82.4	81.1	79.6	77.8
-87.5°	39.2	39.1	38.8	39.8	40.6	41.2	41.7	41.2	40.6	39.8	38.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558962 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4D-935-U-WAF-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.6	28.8	27.9	26.8	26.3	25.5	24.5	23.2	21.2	19.1	17.0
85°	79.0	74.1	68.7	62.7	57.0	50.9	48.9	46.5	42.4	38.3	33.9
82.5°	147.4	140.3	132.9	124.5	115.4	105.8	95.6	84.6	71.3	58.5	50.9
80°	232.7	220.8	207.7	193.3	177.5	160.5	146.6	131.3	112.5	94.3	76.8
77.5°	329.8	309.6	287.7	269.0	249.6	228.6	206.0	180.6	153.2	129.6	107.0
75°	437.9	412.4	386.2	357.7	327.4	296.7	270.0	238.8	201.7	165.5	136.9
72.5°	572.5	533.0	492.3	450.4	414.1	376.7	338.2	296.1	252.5	210.0	168.5
70°	716.6	662.1	611.0	560.7	508.3	456.6	411.9	359.7	302.6	253.6	206.1
67.5°	870.0	810.5	745.5	674.2	611.2	549.9	487.2	424.0	360.0	296.6	242.9
65°	1044.2	969.0	887.8	809.5	726.0	644.2	574.0	490.6	416.3	346.2	278.9
62.5°	1235.7	1137.6	1049.3	950.8	853.1	756.7	657.9	564.0	473.2	394.7	318.9
60°	1452.7	1345.1	1221.2	1111.0	993.1	874.8	757.4	635.0	535.9	441.9	359.9
57.5°	1691.3	1564.9	1432.3	1286.6	1148.3	1008.3	856.8	716.1	596.3	493.2	399.3
55°	1940.8	1798.7	1649.0	1488.7	1317.9	1156.4	961.3	799.1	657.4	543.9	435.9
52.5°	2220.3	2050.3	1877.5	1696.9	1508.9	1300.1	1077.3	877.4	725.9	592.4	474.8
50°	2542.2	2329.7	2124.6	1917.0	1702.4	1451.3	1185.7	970.9	790.2	641.3	511.8
47.5°	2909.4	2651.5	2397.3	2148.1	1910.7	1591.8	1305.1	1060.2	850.1	693.5	546.2
45°	3289.6	3005.5	2697.7	2409.3	2079.9	1733.9	1421.4	1142.3	922.5	738.9	578.0
42.5°	3671.4	3363.9	3033.5	2673.0	2253.8	1868.5	1527.5	1234.7	989.2	780.7	611.3
40°	4095.3	3721.1	3368.5	2917.9	2411.8	1991.0	1636.7	1321.3	1049.2	822.8	644.7
37.5°	4499.6	4085.8	3698.1	3104.8	2556.3	2116.4	1736.6	1398.9	1104.1	868.2	675.0
35°	4877.0	4439.3	3864.3	3256.8	2699.8	2222.5	1824.9	1471.9	1162.4	908.3	702.2
32.5°	5221.2	4665.9	3991.7	3375.4	2813.6	2309.1	1905.1	1537.0	1212.3	942.9	726.3
30°	5455.9	4750.6	4079.1	3461.1	2898.4	2393.1	1970.4	1591.0	1253.8	972.0	748.6
27.5°	5468.3	4790.0	4125.9	3514.5	2956.7	2454.6	2019.9	1633.9	1286.9	999.1	771.8
25°	5425.4	4772.7	4132.8	3534.4	2987.6	2505.0	2058.0	1666.1	1317.4	1025.5	790.7
22.5°	5325.2	4711.3	4101.6	3521.0	3021.5	2539.8	2089.5	1693.7	1342.0	1045.4	805.5
20°	5198.5	4611.4	4049.3	3534.1	3038.6	2562.0	2113.1	1711.4	1357.9	1058.9	816.1
17.5°	5043.4	4532.2	4040.5	3531.7	3038.6	2568.6	2123.8	1719.7	1365.5	1066.2	822.8
15°	4972.0	4501.1	4014.0	3512.8	3021.9	2560.0	2121.9	1718.5	1364.9	1067.8	827.4
12.5°	4914.7	4452.2	3971.0	3477.7	2989.0	2536.9	2107.8	1708.3	1356.8	1067.7	830.8
10°	4842.2	4385.6	3911.5	3426.4	2940.7	2499.9	2082.2	1692.8	1352.7	1066.0	831.1
7.5°	4753.8	4301.4	3835.6	3359.2	2882.6	2458.4	2056.0	1675.5	1344.1	1059.7	828.2
5°	4651.2	4208.4	3754.0	3294.8	2838.2	2414.5	2021.3	1649.8	1329.8	1049.1	822.4
2.5°	4540.2	4112.4	3662.8	3216.8	2782.4	2359.9	1977.3	1616.5	1310.0	1034.6	813.8
0°	4411.5	4000.1	3556.1	3124.3	2714.9	2295.3	1924.7	1576.4	1285.1	1016.3	802.5
-2.5°	4298.4	3876.6	3441.2	3023.8	2616.5	2218.0	1867.4	1536.0	1257.4	998.3	790.7
-5°	4167.0	3737.2	3312.8	2910.6	2507.9	2132.5	1803.1	1490.4	1225.3	977.2	776.6
-7.5°	3973.8	3566.8	3166.5	2783.3	2390.3	2040.3	1732.8	1440.2	1189.3	953.2	760.3
-10°	3756.2	3373.9	3000.7	2639.5	2276.1	1949.4	1658.7	1386.0	1149.7	926.5	742.1
-12.5°	3526.2	3170.7	2825.9	2488.8	2158.3	1859.6	1587.6	1332.8	1107.5	897.3	722.0
-15°	3285.3	2958.8	2643.3	2332.9	2036.6	1765.4	1513.2	1278.5	1066.0	867.5	700.3
-17.5°	3040.1	2740.0	2454.3	2173.5	1912.5	1667.5	1436.2	1221.5	1022.1	837.7	678.7
-20°	2816.4	2535.6	2261.6	2012.2	1787.2	1566.6	1357.3	1162.2	976.4	806.2	656.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2593.3	2347.0	2099.6	1862.3	1664.4	1463.6	1277.4	1100.9	929.0	773.4	633.2
-25°	2371.2	2159.5	1941.4	1737.7	1545.4	1368.0	1200.3	1038.3	880.5	739.4	608.3
-27.5°	2161.9	1976.6	1782.6	1612.9	1441.3	1273.9	1125.9	978.8	833.4	704.4	582.1
-30°	1962.2	1802.0	1640.0	1490.8	1338.5	1191.8	1051.3	919.5	790.5	670.6	554.7
-32.5°	1777.8	1629.7	1504.0	1377.3	1243.9	1110.4	982.1	860.5	747.4	637.0	529.1
-35°	1606.3	1482.5	1372.0	1267.6	1152.6	1036.5	918.9	802.1	704.4	602.3	503.8
-37.5°	1443.1	1352.0	1257.4	1164.6	1061.7	964.0	859.3	753.9	661.5	566.8	478.0
-40°	1308.9	1231.1	1152.1	1067.0	981.1	893.1	799.5	708.1	619.6	530.4	451.8
-42.5°	1181.0	1120.6	1052.5	972.3	906.3	827.6	740.6	661.6	579.2	497.7	425.2
-45°	1067.2	1015.9	957.9	897.7	834.5	762.7	688.7	614.8	538.8	467.0	399.4
-47.5°	960.0	921.8	874.7	824.4	766.0	700.4	636.2	570.0	498.3	436.2	374.8
-50°	869.6	836.7	798.8	753.2	698.9	643.3	584.7	525.4	464.3	405.9	349.7
-52.5°	791.2	759.8	725.9	683.9	637.6	586.1	537.1	481.7	429.7	376.5	324.1
-55°	717.6	686.9	655.7	619.8	578.3	535.3	490.2	443.0	394.5	347.2	298.4
-57.5°	648.0	618.1	591.4	559.1	524.3	486.8	446.1	403.8	360.9	317.5	275.6
-60°	581.1	556.8	530.4	504.0	473.6	439.5	403.1	365.1	327.4	288.2	252.6
-62.5°	519.7	497.7	475.9	451.9	424.0	393.3	360.3	328.1	293.6	261.7	229.1
-65°	462.0	443.9	423.2	400.4	375.0	348.1	320.3	290.9	263.0	235.0	205.6
-67.5°	406.9	390.2	370.1	349.1	328.9	306.3	280.5	256.8	233.2	208.0	182.3
-70°	353.2	336.9	320.1	304.1	285.9	265.3	244.7	224.0	203.0	182.1	158.9
-72.5°	301.3	288.5	275.0	260.5	244.8	227.8	209.5	191.6	174.9	156.1	135.4
-75°	250.9	241.1	230.6	218.8	205.0	190.3	176.2	161.6	146.7	130.1	114.5
-77.5°	202.4	194.8	186.5	178.0	167.4	156.1	144.2	131.7	119.6	107.5	94.6
-80°	156.7	151.8	146.3	139.7	131.0	121.9	113.2	104.4	95.1	85.1	74.5
-82.5°	114.3	110.9	107.0	102.4	96.6	90.5	84.3	77.8	70.5	62.7	55.0
-85°	75.5	72.9	69.8	66.3	62.7	59.0	55.5	51.6	46.7	41.7	36.7
-87.5°	37.5	36.0	34.4	32.7	31.2	29.5	27.7	25.8	23.4	20.9	18.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.7	12.4	10.1	7.6	5.1	2.5	0.0
85°	29.5	24.9	20.1	15.3	10.3	5.1	0.0
82.5°	44.2	37.3	30.2	22.9	15.4	7.6	0.0
80°	60.1	49.6	40.1	30.4	20.5	10.1	0.0
77.5°	85.3	64.7	50.1	38.0	25.5	12.6	0.0
75°	110.3	84.8	60.9	45.4	30.5	15.0	0.0
72.5°	134.8	104.7	76.3	52.8	35.4	17.4	0.0
70°	159.8	124.1	91.4	60.7	40.3	19.8	0.0
67.5°	190.4	143.2	106.2	71.5	45.1	22.2	0.0
65°	220.1	164.4	120.7	82.1	49.7	24.5	0.0
62.5°	248.8	187.4	134.7	92.3	54.3	26.7	0.0
60°	276.5	209.7	148.4	102.3	58.8	28.9	0.0
57.5°	307.8	231.1	164.8	112.0	65.0	31.1	0.0
55°	338.1	251.6	180.7	121.4	71.2	33.2	0.0
52.5°	366.9	271.7	196.0	130.4	77.1	35.2	0.0
50°	393.9	293.7	210.4	139.0	82.8	37.1	0.0
47.5°	419.7	314.4	224.2	147.8	88.3	39.0	0.0
45°	446.7	333.7	237.1	157.4	93.6	40.8	0.0
42.5°	471.5	351.6	249.2	166.5	98.6	42.5	0.0
40°	494.1	368.1	261.4	175.1	103.4	44.2	0.0
37.5°	514.6	383.0	273.7	183.3	107.9	45.7	0.0
35°	532.7	397.9	284.8	191.0	112.2	47.2	0.0
32.5°	550.2	411.9	294.9	198.1	116.2	48.5	0.0
30°	569.0	424.2	303.9	204.6	119.9	49.8	0.0
27.5°	585.2	434.8	312.5	210.6	123.3	51.0	0.0
25°	598.9	443.7	320.0	216.1	126.4	52.1	0.0
22.5°	610.1	451.5	326.5	220.9	129.2	53.0	0.0
20°	618.8	459.2	331.9	225.2	131.7	53.9	0.0
17.5°	626.6	465.5	336.3	228.9	133.9	54.7	0.0
15°	632.9	470.5	339.7	232.0	135.8	55.3	0.0
12.5°	636.8	474.2	342.0	234.5	137.4	55.9	0.0
10°	638.4	476.5	343.5	236.4	138.7	56.3	0.0
7.5°	637.6	477.5	343.9	237.8	139.6	56.6	0.0
5°	634.8	477.1	343.5	238.5	140.2	56.9	0.0
2.5°	629.9	475.5	342.2	238.7	140.5	57.0	0.0
0°	623.2	472.5	340.1	238.3	140.5	57.0	0.0
-2.5°	616.1	468.0	338.5	237.2	140.2	57.1	0.0
-5°	607.2	462.4	336.0	235.6	139.5	57.0	0.0
-7.5°	596.8	455.6	332.9	233.4	138.6	56.9	0.0
-10°	584.8	447.7	328.9	230.7	137.3	56.7	0.0
-12.5°	571.4	438.9	324.2	227.5	135.8	56.3	0.0
-15°	556.6	429.2	318.8	223.8	133.9	55.8	0.0
-17.5°	540.5	418.7	312.7	219.6	131.8	55.2	0.0
-20°	523.8	407.4	305.8	215.0	129.5	54.5	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	507.1	395.5	298.3	209.9	126.8	53.7	0.0
-25°	489.4	383.5	290.2	204.4	123.9	52.8	0.0
-27.5°	470.8	371.1	281.3	198.4	120.8	51.8	0.0
-30°	451.3	357.9	271.9	192.1	117.4	50.7	0.0
-32.5°	431.1	343.9	262.2	185.4	113.8	49.5	0.0
-35°	412.3	329.2	251.9	178.3	110.0	48.1	0.0
-37.5°	393.6	314.5	241.2	170.9	106.0	46.7	0.0
-40°	374.2	300.3	229.9	163.2	101.8	45.2	0.0
-42.5°	354.2	285.6	218.8	155.2	97.4	43.5	0.0
-45°	333.6	270.5	207.7	146.9	92.9	41.8	0.0
-47.5°	312.5	254.9	196.3	138.3	88.1	40.0	0.0
-50°	293.1	239.0	184.4	130.6	83.2	38.1	0.0
-52.5°	273.8	222.7	172.2	123.0	78.2	36.2	0.0
-55°	254.1	206.9	159.6	115.2	73.0	34.1	0.0
-57.5°	234.2	190.9	146.7	107.2	67.7	32.0	0.0
-60°	214.1	174.6	133.7	98.9	62.2	29.8	0.0
-62.5°	194.4	158.0	122.6	90.5	57.6	27.6	0.0
-65°	174.3	141.1	111.3	82.0	52.8	25.3	0.0
-67.5°	154.0	125.4	99.8	73.3	47.9	22.9	0.0
-70°	133.5	111.0	88.1	64.4	42.9	20.5	0.0
-72.5°	115.8	96.4	76.3	56.4	37.7	18.0	0.0
-75°	98.4	81.7	64.3	48.5	32.5	15.5	0.0
-77.5°	80.9	66.9	53.5	40.6	27.2	13.0	0.0
-80°	63.2	53.1	42.9	32.5	21.9	10.4	0.0
-82.5°	47.3	39.9	32.3	24.4	16.4	7.8	0.0
-85°	31.6	26.6	21.5	16.3	11.0	5.2	0.0
-87.5°	15.8	13.3	10.8	8.2	5.5	2.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)